BRUHAT BANGALORE MAHANAGARA PALIKE

PROJECT DIVISION, YELAHANKA ZONE

Name of Work(as per Sanctioned Estimate): Package No.16 Construction of Ambedkar Bhavan at Dasarahalli and R K Hegdenagar in Ward No.06 Thanisandra

Name of Agency :- M/s. Sri. K S Chowdareddy

Work order No.:- EE(Project)/Ynk Zone/WO/193/2020-21

Job Code:006-20-000008 & 006-20-000007

MODIFIED ESTIMATE

Sl. No.	Description of work	Unit	No	Length m	Breadth m	Depth m	Qty	Rate, in Rs	Amount in Rs.
1	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts C. Prestressed / Reinforced cement concrete grade M-20 & above complete as per specifications and directions of Engineer in charge.	Cum							
A	**DASARAHALLI**								
B	**R.K.Hegdenagar**								
	Total Qty executed						0.00		
	BOQ Qty						12.42		
	Qty to be paid now						**0.00**	1733.28	**0.00**
2	.Dismantling of existing structures like culverts,bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherevernecessary, sorting the dismantled material, disposal of unserviceablematerial and stacking the serviceable material with all lifts Dismantling brick/Tile work B. In cement mortar. complete as per specifications and directions of Engineer in charge.	Cum							
A	DASARAHALLI								
B	R.K.Hegdenagar								
	Total Qty executed						0.00		
	BOQ Qty						37.42		
	Qty to be paid now						**0.00**	382.87	**0.00**
3	Dismantling cement concrete flooring or plain cement concrete work including removing and conveying the debris to distance upto 200m (within average thickness of 15 cms) complete as per specifications and directions of Engineer in charge.	Sqm							
A	DASARAHALLI								

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Sl. No.	Description of work	Unit	No	Length	Breadth	Depth	Qty	Rate, in Rs	Amount in Rs.
				m	m	m			
B	**R.K.Hegdenagar**								
	Total Qty executed						0.00		
	BOQ Qty						82.77		
	Qty to be paid now						**0.00**	93.81	0.00
4	Dismantling plastering and removing the debris with a lead upto 200m complete as per specifications and directions of Engineer in charge.	Sqm							
A	**DASARAHALLI**								
B	**R.K.Hegdenagar**								
	Total Qty executed						0.00		
	BOQ Qty						374.22		
	Qty to be paid now						**0.00**	40.36	0.00
5	Conveying the excavated earth, debries etc., with all lead and lifts including loading and unloading charges etc., complete as per specifications and directions of Engineer in charge.	Cum							
A	**DASARAHALLI**								
B	**R.K.Hegdenagar**								
	Total Qty executed						0.00		
	BOQ Qty						69.74		
	Qty to be paid now						**0.00**	67.85	0.00
6	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the exavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications and directions of Engineer in charge.	Cum							
A	**DASARAHALLI**								
	Passage Concrete								
			1	10.35	0.60	0.25	1.55		
B	**R.K.Hegdenagar**								
	Excavtion For SSM								
	B1,B3,B7		3	5.07	0.90	0.75	10.27		
	B9,B10,B11		3	3.23	0.90	0.75	6.54		
	B5		1	5.88	0.90	0.75	3.97		
	B2,B4,B8		3	4.01	0.90	0.75	8.12		
	B6		1	3.20	0.90	0.75	2.16		
	B12,B13,B14		3	4.69	0.90	0.75	9.50		
	B15,B16,B17		3	4.44	0.90	0.75	8.99		
	Compound Wall								
	LHS		1	15.24	0.95	0.60	8.69		
	RHS		1	15.24	0.95	0.60	8.69		
	Back		1	11.30	0.95	0.60	6.44		
	Sump Tank		1	2.70	2.70	2.65	19.32		
	Passage Concrete-sides		1	15.24	1.00	0.30	4.57		
	RHS		1	15.24	1.50	0.30	6.86		
	Back		1	11.30	1.00	0.30	3.39		
	Front		1	11.30	1.50	0.30	5.09		
	drain desilting		1	10.00	0.60	0.60	**3.60**		

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Sl. No.	Description of work	Unit	No	Length	Breadth	Depth	Qty	Rate, in Rs	Amount in Rs.
				m	m	m			
	Total Qty executed						117.74		
	BOQ Qty						167.04		
	Qty to be paid now						**117.74**	489.77	**57663.27**
7	Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications and directions of Engineer in charge.	Cum							
A	**DASARAHALLI**								
B	**R.K.Hegdenagar**								
	Footing								
	F1		5	1.80	2.70	0.30	7.29		
	F2		4	1.80	2.70	0.30	5.83		
	F3		3	2.30	3.90	0.30	8.07		
	Sump Tank		1	2.70	2.70	0.20	1.46		
	Total Qty executed						22.65		
	BOQ Qty						9.60		
	Qty to be paid now Upto 100%						**9.60**	2649.55	**25435.71**
	Qty to be paid now Upto 125%						**2.40**	2649.55	**6358.93**
	Qty to be paid now Above 125%						**10.65**	2649.55	**28225.66**
8	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregtes @ 0.56cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications and directions of Engineer in charge.	Cum							
A	**DASARAHALLI**								
	Passage Concrete								
			1	10.35	0.60	0.15	0.93		
B	**R.K.Hegdenagar**								
	Footing								
	F1		5	1.80	2.70	0.15	3.65		
	F2		4	1.80	2.70	0.15	2.92		
	F3		3	2.30	3.90	0.15	4.04		
	Excavtion For SSM/Plinth Beam								
	PB1		2	9.28	0.75	0.15	2.09		
	PB3		3	2.94	0.75	0.15	0.99		
	PB2		2	12.74	0.75	0.15	2.87		
	Pb4		1	3.34	0.75	0.15	0.38		
	Compound Wall								
	LHS		1	15.24	0.95	0.15	2.17		
	RHS		1	15.24	0.95	0.15	2.17		
	Back		1	11.30	0.95	0.15	1.61		
	Sump Tank		1	2.70	2.70	0.15	1.09		
	Passage Concrete-sides		1	15.24	1.00	0.15	2.29		
	RHS		1	15.24	1.50	0.15	3.43		

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Sl. No.	Description of work	Unit	No	Length	Breadth	Depth	Qty	Rate, in Rs	Amount in Rs.
				m	m	m			
	Back		1	11.30	1.00	0.15	1.70		
	Front		1	11.30	1.50	0.15	2.54		
	Total Qty executed						34.85		
	BOQ Qty						19.23		
	Qty to be paid now Upto 100%						**19.23**	5665.62	**108938.45**
	Qty to be paid now Upto 125%						**4.81**	5665.62	**27234.61**
	Qty to be paid now Above 125%						**10.82**	5665.62	**61280.20**
9	Providing and laying in position plain cement concrete of mix M15 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications and directions of Engineer in charge.	Cum							
A	**DASARAHALLI**								
	Passage Concrete								
			1	10.35	0.60	0.10	0.62		
	Parapet Wall		1	5.20	0.10	0.10	0.05		
			1	10.15	0.10	0.10	0.10		
			1	6.00	0.10	0.10	0.06		
	Water Tank Platform		2	1.50	1.50	0.10	0.45		
B	**R.K.Hegdenagar**								
	Compound Wall								
	LHS	1	1	15.24	0.45	0.10	0.69		
	RHS	1	1	15.24	0.45	0.10	0.69		
	Back	1	1	11.30	0.45	0.10	0.51		
	Foundation Coping								
	PB1	1	4	9.28	0.45	0.10	1.67		
	PB3	1	2	2.94	0.45	0.10	0.26		
	PB2	1	2	12.74	0.45	0.10	1.15		
	PB4	1	1	3.34	0.45	0.10	0.15		
	Drain	2	1	10.00	0.10	0.10	0.20		
	Coping								
	LHS	1	1	15.24	0.15	0.10	0.23		
	RHS	1	1	15.24	0.15	0.10	0.23		
	Back	1	1	11.30	0.15	0.10	0.17		
	Passage Concrete-sides	1	1	15.24	1.00	0.10	1.52		
	RHS	1	1	15.24	1.50	0.10	2.29		
	Back	1	1	11.30	1.00	0.10	1.13		
	Front	1	1	11.30	1.50	0.10	1.70		
	Parapet Coping								
	Parapet wall	1	2	9.00	0.10	0.10	0.18		
		1	1	12.80	0.10	0.10	0.13		
		1	1	7.65	0.10	0.10	0.08		
	Total Qty executed						14.24		
	BOQ Qty						6.07		
	Qty to be paid now Upto 100%						**6.07**	5914.32	**35889.26**
	Qty to be paid now Upto 125%						**1.52**	5914.32	**8972.32**
	Qty to be paid now Above 125%						**6.66**	5914.32	**39374.29**

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Sl. No.	Description of work	Unit	No	Length	Breadth	Depth	Qty	Rate, in Rs	Amount in Rs.
				m	m	m			
10	Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammerddressed in courses not less than 20 cms high, bond stones at 2m apart in each course including cost of materials, labour, curing completeas per specifications and directions of Engineer in charge.	Cum							
A	DASARAHALLI								
B	R.K.Hegdenagar								
	Foundation								
	1st Step								
	PB1		4	9.28	0.60	0.60	13.36		
	PB3		2	2.94	0.60	0.60	2.12		
	PB2		2	12.74	0.60	0.60	9.17		
	Pb4		1	3.34	0.60	0.60	1.20		
	2nd step								
	PB1		4	9.28	0.45	0.60	10.02		
	PB3		2	2.94	0.45	0.60	1.59		
	PB2		2	12.74	0.45	0.60	6.88		
	PB4		1	3.34	0.45	0.60	0.90		
	Compound Wall								
	1st Step								
	LHS		1	15.24	0.75	0.45	5.14		
	RHS		1	15.24	0.75	0.45	5.14		
	Back		1	11.30	0.75	0.45	3.81		
	2nd Step								
	LHS		1	15.24	0.45	0.45	3.09		
	RHS		1	15.24	0.45	0.45	3.09		
	Back		1	11.30	0.45	0.45	2.29		
	Total Qty executed						67.81		
	BOQ Qty						37.73		
	Qty to be paid now Upto 100%						**37.73**	5013.32	**189131.39**
	Qty to be paid now Upto 125%						**9.43**	5013.32	**47282.85**
	Qty to be paid now Above 125%						**20.65**	5013.32	**103527.82**
11	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications and directions of Engineer in charge.	Cum							
A	DASARAHALLI								
B	R.K.Hegdenagar								
	Total Qty executed						0.00		
	BOQ Qty						32.02		
	Qty to be paid now						0.00	219.25	0.00
12	Conveying the excavated earth, debries etc., with all lead and lifts including loading and unloading charges etc., complete as per the direction of the Engineer-in-charge.	Cum							
A	DASARAHALLI								
B	R.K.Hegdenagar								
	Qty vide item no-6						756.80		

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Sl. No.	Description of work	Unit	No	Length	Breadth	Depth	Qty	Rate, in Rs	Amount in Rs.
				m	m	m			
	Total Qty executed						756.80		
	BOQ Qty						135.01		
	Qty to be paid now Upto 100%						**135.01**	84.52	**11410.93**
	Qty to be paid now Upto 125%						**33.75**	84.52	**2852.73**
	Qty to be paid now Above 125%						**588.03**	84.52	**49700.14**
13	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons and directions of Engineer in charge.	Sqm							
A	DASARAHALLI								
B	R.K.Hegdenagar								
	Footing								
	F1	2	5	1.50		0.70	10.50		
		2	5	2.40		0.70	16.80		
	F2	2	4	1.50		0.70	8.40		
		2	4	2.40		0.70	13.44		
	F3	2	3	2.00		0.90	10.80		
		2	3	3.60		0.90	19.44		
	columns up to plinth bottom								
	C1,C2,C3	1	3	1.30		4.10	15.99		
	C4,C6,C7,C9,C10,C12	1	6	1.30		4.10	31.98		
	C11,C8,C5	1	3	1.60		4.10	19.68		
	Sump Tank								
	Long Wall	2	2	2.40		2.10	20.16		
	Short Wall	2	2	2.40		2.10	20.16		
	Slab	1	1	2.40	2.40		5.76		
	Deduction								
	Opening	0.5	-1	0.50	0.50		-0.13		
	Total Qty executed						192.99		
	BOQ Qty						125.34		
	Qty to be paid now Upto 100%						**125.34**	281.43	**35273.98**
	Qty to be paid now Upto 125%						**31.34**	281.43	**8818.50**
	Qty to be paid now Above 125%						**36.31**	281.43	**10218.72**
14	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness , including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specificaitons and directions of Engineer in charge.	Sqm							
A	DASARAHALLI								
B	R.K.Hegdenagar								
	Plinth Beams								
	PB1	2	4	9.28		0.60	44.54		
	PB3	2	2	2.94		0.60	7.06		
	PB2	2	2	12.74		0.60	30.58		
	PB4	2	2	3.34		0.60	8.02		
	PB5	2	1	3.20		0.60	3.84		
	Total Qty executed						94.03		
	BOQ Qty						46.98		
	Qty to be paid now Upto 100%						**46.98**	390.51	**18345.99**
	Qty to be paid now Upto 125%						**11.75**	390.51	**4586.50**
	Qty to be paid now Above 125%						**35.31**	390.51	**13787.74**

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Sl. No.	Description of work	Unit	No	Length	Breadth	Depth	Qty	Rate, in Rs	Amount in Rs.
				m	m	m			
15	Providing and removing centering, shuttering, strutting, propping etc. and Removal of form Work for columns, pillars, piers, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specificaiton and directions of Engineer in charge.	Sqm							
A	**DASARAHALLI**								
	Second Floor								
	Column shuttering								
	C1(0.20x0.450)		9	1.30		3.30	38.61		
	Third Floor								
	Column shuttering								
	C1(0.20x0.450)		9	1.30		0.80	9.36		
			4	1.30		1.80	9.36		
B	**R.K.Hegdenagar**								
	Ground Floor								
	Column shuttering								
	C1,C2,C3		3	1.30		2.85	11.12		
	C4,C6,C7,C9,C10,C12		6	1.30		2.85	22.23		
	C11,C8,C5		3	1.60		2.85	13.68		
	First Floor								
	Column shuttering								
	C1,C2,C3		3	1.30		2.85	11.12		
	C4,C6,C7,C9,C10,C12		6	1.30		2.85	22.23		
	C11,C8,C5		3	1.60		2.85	13.68		
	Second Floor								
	Column shuttering								
	C1,C2,C3		3	1.30		1.15	4.49		
	C4,C6,C7,C9,C10,C12		6	1.30		1.15	8.97		
	C11,C8,C5		3	1.60		1.15	5.52		
	Head Room								
	C16(200x600)		1	1.60		1.25	2.00		
	C17(200x450)		1	1.30		1.25	1.63		
	C13(200x600)		1	1.60		1.57	2.51		
	C14(200x450)		1	1.30		1.57	2.04		
	Total Qty executed						178.53		
	BOQ Qty						143.46		
	Qty to be paid now Upto 100%						**143.46**	497.40	**71357.69**
	Qty to be paid now Upto 125%						**35.07**	497.40	**17445.48**
16	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons for heights more than 3.50m from ground level. - 0 to 5 mtrs and directions of Engineer in charge.	Sqm							
A	**DASARAHALLI**								
	Second Floor								
	Roof slab		1	5.50	11.00		60.50		
	Deductions								
	staircase		-1	1.80	4.00		-7.20		
B	**R.K.Hegdenagar**								
	Slab Shuttering								
	Ground Floor								

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Sl. No.	Description of work	Unit	No	Length	Breadth	Depth	Qty	Rate, in Rs	Amount in Rs.
				m	m	m			
	Roof slab		1	9.43	13.74		129.57		
	Room Loft		1	3.00	0.60		1.80		
	Deduction								
	staircase		-1	3.00	4.50		-13.50		
	First Floor								
	Roof slab		1	9.43	13.74		129.57		
	Deduction								
	staircase		-1	3.00	4.50		-13.50		
	Total Qty executed						287.24		
	BOQ Qty						268.08		
	Qty to be paid now Upto 100%						**268.08**	436.32	**116967.88**
	Qty to be paid now Upto 125%						**19.16**	436.32	**8359.11**
17	Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floors including cost of all materials,labour complete as per specifications and directions of Engineer in charge.	Sqm							
A	**DASARAHALLI**								
	Second Floor								
	Roof slab		2	5.50		0.15	1.65		
			2	11.00		0.15	3.30		
	Cutout Portion		2	1.80		0.15	0.54		
			2	4.00		0.15	1.20		
B	**R.K.Hegdenagar**								
	Edges of Slab								
	Ground Floor								
	Roof slab		2	9.43		0.15	2.83		
			2	12.84		0.15	3.85		
	Loft		1	3.00		0.10	0.30		
	Cutout Portion		1	15.00		0.15	2.25		
	First Floor								
	Roof slab		2	9.43		0.15	2.83		
			2	12.84		0.15	3.85		
	Cutout Portion		1	15.00		0.15	2.25		
	Total Qty executed						24.85		
	BOQ Qty						37.85		
	Qty to be paid now						**24.85**	823.55	**20466.96**
18	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specificaitons and directions of Engineer in charge.	Sqm							
A	**DASARAHALLI**								
	Second Floor								
	Lintels beam								
	Short beam(0.200x0.200)	2	2	5.50		0.20	4.40		
		2	2	1.95		0.20	1.56		
	Long beam(0.200x0.200)	2	2	10.10		0.20	4.04		
		1	2	5.50		0.20	2.20		
	Roof Beams								
	Short beam(0.200x0.450)	5	2	5.50		0.30	3.30		
	Long beam(0.200x0.450)	2	2	11.00		0.30	6.60		
		1	2	4.71		0.30	2.83		
	staircase room	1	2	2.80		0.30	1.68		

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Sl. No.	Description of work	Unit	No	Length m	Breadth m	Depth m	Qty	Rate, in Rs	Amount in Rs.
	Head Room								
	Lintels beam								
	Short beam(0.200x0.200)	2	1	2.10		0.20	0.84		
	Long beam(0.200x0.200)	2	1	4.15		0.20	0.83		
B	R.K.Hegdenagar								
	Ground Floor								
	Lintels-Short Beam	2	3	9.28		0.20	11.14		
		2	2	2.94		0.20	2.35		
	Long Beam	2	2	12.74		0.20	10.19		
		2	2	3.34		0.20	2.67		
		2	1	3.20		0.20	1.28		
	Roof Beams-Short Beam	4	2	9.43		0.45	33.95		
		1	2	6.30		0.45	5.67		
	Long Beam	3	2	12.84		0.45	34.67		
	First Floor								
	Lintels-Short Beam	2	3	9.28		0.20	11.14		
		2	2	2.94		0.20	2.35		
	Long Beam	2	2	12.74		0.20	10.19		
		2	1	6.44		0.20	2.58		
		2	1	3.30		0.20	1.32		
	Roof Beams-Short Beam	4	2	9.43		0.45	33.95		
		1	2	6.30		0.45	5.67		
	Long Beam	3	2	12.84		0.45	34.67		
	Second Floor-Head Room								
	Lintels-Short	2	2	3.02		0.20	2.42		
	Lintels-Long	2	2	4.42		0.20	3.54		
	Total Qty executed						238.01		
	BOQ Qty						227.03		
	Qty to be paid now Upto 100%						**227.03**	318.51	**72312.78**
	Qty to be paid now Upto 125%						**10.98**	318.51	**3496.01**
19	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specificaiton and directions of Engineer in charge.	Sqm							
A	DASARAHALLI								
	Second Floor								
	Wasit slab		2	3.30	0.90		5.94		
	sides		4	3.30	0.18		2.31		
	For step risers		22	0.90	0.15		2.97		
	Landing		1	1.80	0.90		1.62		
B	R.K.Hegdenagar								
	Staircase								
	Ground Floor								
	Landing	1	1	3.00	1.50		4.50		
	Wasit slab	1	2	3.20	1.50		9.60		
	sides	2	2	3.20		0.100	1.28		
	For step risers	1	21	1.50		0.150	4.73		
	First Floor								
	Landing	1	1	3.00	1.50		4.50		
	Wasit slab	1	2	3.20	1.50		9.60		
	sides	2	2	3.20		0.100	1.28		
	For step risers	1	21	1.50		0.150	4.73		
	Total Qty executed						53.05		
	BOQ Qty						25.58		
	Qty to be paid now Upto 100%						**25.58**	567.22	**14510.80**
	Qty to be paid now Upto 125%						**6.40**	567.22	**3627.70**

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Sl. No.	Description of work	Unit	No	Length m	Breadth m	Depth m	Qty	Rate, in Rs	Amount in Rs.
	Qty to be paid now Above 125%						**21.07**	567.22	**11952.39**
20	Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc. , including edges including cost of all materials, labour complete as per specificaiton and directions of Engineer in charge.	Sqm							
A	**DASARAHALLI**								
	Second Floor								
	W(1.20x1.20)		6	1.50	0.50		4.50		
	V(0.60x0.45)		1	0.90	0.50		0.45		
B	**R.K.Hegdenagar**								
	Shuttering for Chejja								
	Ground Floor								
	Windows		6	2.11	0.50		6.33		
	Ventilators		2	1.10	0.50		1.10		
	First Floor								
	Windows		6	2.11	0.50		6.33		
	Ventilators		2	1.10	0.50		1.10		
	Head Room								
	Ventilators		1	1.23	0.50		0.62		
	Total Qty executed						20.43		
	BOQ Qty						16.08		
	Qty to be paid now Upto 100%						**16.08**	352.33	**5665.44**
	Qty to be paid now Upto 125%						**4.02**	352.33	**1416.36**
	Qty to be paid now Above 125%						**0.33**	352.33	**114.51**
21	Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications and directions of Engineer in charge.	Cum								
A	**DASARAHALLI**								
B	**R.K.Hegdenagar**								
	Footing								
	F1	1	5	1.50	2.40	0.70	12.60		
	F2	1	4	1.50	2.40	0.70	10.08		
	F3	1	3	2.00	3.60	0.90	19.44		
	Pedestal up to plinth bottom								
	C1,C2,C3	1	3	0.30	0.45	3.65	1.48		
	C4,C6,C7,C9,C10,C12	1	6	0.30	0.45	3.65	2.96		

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Sl. No.	Description of work	Unit	No	Length	Breadth	Depth	Qty	Rate, in Rs	Amount in Rs.
				m	m	m			
	C11,C8,C5	1	3	0.30	0.60	3.65	1.97		
	Plinth Beam								
	PB1	1	3	9.28	0.23	0.60	3.84		
	PB3	1	2	2.94	0.23	0.60	0.81		
	PB2	1	2	12.74	0.23	0.60	3.52		
	PB4	1	2	3.34	0.23	0.60	0.92		
	PB5	1	1	3.20	0.23	0.60	0.44		
	Staircase Footing	1	1	1.50	0.45	0.60	0.41		
	Sump Tank								
	Raft	1	1	2.80	2.80	0.20	1.57		
	Longwall	2	1	2.40	0.20	2.10	2.02		
	Short Wall	2	1	2.40	0.20	2.10	2.02		
	Slab	1	1	2.80	2.80	0.20	1.57		
	Total Qty executed						65.63		
	BOQ Qty						51.76		
	Qty to be paid now Upto 100%						**51.76**	6339.73	**328138.06**
	Qty to be paid now Upto 125%						**12.94**	6339.73	**82034.52**
	Qty to be paid now Above 125%						**0.93**	6339.73	**5915.22**
22	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum,with superplastisiser @3lts confirming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick,vibrated for all works in ground Floor level for roof slabs ,staircase, lintels , beams, retaining walls ,return wall, walls (an thivck ness) including attached plasters ,columns, pillars,posts,struts.butters,string or lacing courses ,parapets,coping,bed blocks,anchor blocks ,plain window cills,fillets including cost of all materials, labour,HOM of machinery, curing, complete as per specifications and directions of Engineer in charge.(Ground Floor)	Cum							
A	**DASARAHALLI**								
B	**R.K.Hegdenagar**								
	Ground Floor								
	Columns up to Ground Floor slab								
	C1,C2,C3	1	3	0.20	0.45	2.85	0.77		
	C4,C6,C7,C9,C10,C12	1	6	0.20	0.45	2.85	1.54		
	C11,C8,C5	1	3	0.20	0.60	2.85	1.03		
	Staircase-Ground Floor								
	Wasit slab	1	2	3.20	1.50	0.10	0.96		
	For step risers	0.5	21	1.50	0.30	0.15	0.71		
	Landing	1	1	3.20	1.50	0.15	0.72		
	Lintels-Ground Floor								
	Lintels-Short Beam	1	3	9.28	0.20	0.20	1.11		
		1	2	2.94	0.20	0.20	0.24		
	Long Beam	1	2	12.74	0.20	0.20	1.02		
		1	2	3.34	0.20	0.20	0.27		
		1	1	3.20	0.20	0.20	0.13		
	Total Qty executed						8.49		

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Sl. No.	Description of work	Unit	No	Length	Breadth	Depth	Qty	Rate, in Rs	Amount in Rs.
				m	m	m			
	BOQ Qty						6.39		
	Qty to be paid now Upto 100%						**6.39**	6593.89	**42136.25**
	Qty to be paid now Upto 125%						**1.60**	6593.89	**10534.06**
	Qty to be paid now Above 125%						**0.50**	6593.89	**3288.37**
23	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum,with superplastisiser @3lts confirming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick,vibrated for all works in ground Floor level for roof slabs ,staircase, lintels , beams, retaining walls ,return wall, walls (an thivck ness) including attached plasters ,columns, pillars,posts,struts.butters,string or lacing courses ,parapets,coping,bed blocks,anchor blocks ,plain window cills,fillets including cost of all materials, labour,HOM of machinery, curing, complete as per specifications and directions of Engineer in charge.(First Floor)	cum							
A	**DASARAHALLI**								
B	**R.K.Hegdenagar**								
	First Floor								
	Columns up to First Floor slab								
	C1,C2,C3		3	0.20	0.45	2.85	0.77		
	C4,C6,C7,C9,C10,C12		6	0.20	0.45	2.85	1.54		
	C11,C8,C5		3	0.20	0.60	2.85	1.03		
	Staircase-First Floor								
	Wasit slab		2	3.20	1.50	0.10	0.96		
	For step risers	0.5	21	1.50	0.30	0.15	0.71		
	Landing		1	3.20	1.50	0.15	0.72		
	Lintel-First Floor								
	Lintels-Short Beam	1	1	9.28	0.20	0.20	0.37		
		1	2	2.90	0.20	0.20	0.23		
		1	2	1.20	0.20	0.20	0.10		
	Long Beam	1	2	12.74	0.20	0.20	1.02		
		1	1	6.44	0.20	0.20	0.26		
		1	1	3.30	0.20	0.20	0.13		
	Total Qty executed						7.83		
	BOQ Qty						6.63		
	Qty to be paid now Upto 100%						**6.63**	6659.33	**44146.06**
	Qty to be paid now Upto 125%						**1.20**	6659.33	**8004.85**
	Qty to be paid now Above 125%						**0.00**	6659.33	**0.00**

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Sl. No.	Description of work	Unit	No	Length	Breadth	Depth	Qty	Rate, in Rs	Amount in Rs.
				m	m	m			
24	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum,with superplastisiser @3lts confirming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick,vibrated for all works in ground Floor level for roof slabs ,staircase, lintels , beams, retaining walls ,return wall, walls (an thivck ness) including attached plasters ,columns, pillars,posts,struts.butters,string or lacing courses ,parapets,coping,bed blocks,anchor blocks ,plain window cills,fillets including cost of all materials, labour,HOM of machinery, curing, complete as per specifications and directions of Engineer in charge.(Head Room)	Cum							
A	**DASARAHALLI**								
	Head Room								
	Columns								
	C1(0.20x0.450)		9	0.20	0.45	0.80	0.65		
			4	0.20	0.45	1.80	0.65		
	Head Room								
	Lintels beam								
	Short beam(0.200x0.200)	2	1	2.10	0.20	0.20	0.17		
	Long beam(0.200x0.200)	2	1	4.15	0.20	0.20	0.33		
B	R.K.Hegdenagar								
	Head Room								
	Columns								
	C1,C2,C3	1	3	0.20	0.45	1.15	0.31		
	C4,C6,C7,C9,C10,C12	1	6	0.20	0.45	1.15	0.62		
	C11,C8,C5	1	3	0.20	0.60	1.15	0.41		
	Head Room								
	C16(200x600)		1	0.20	0.60	1.25	0.15		
	C17(200x450)		1	0.20	0.45	1.25	0.11		
	C13(200x600)		1	0.20	0.60	1.57	0.19		
	C14(200x450)		1	0.20	0.45	1.57	0.14		
	Second Floor-Head Room								
	Lintels-Short	1	2	3.02	0.20	0.20	0.24		
	Lintels-Long	1	2	4.42	0.20	0.20	0.35		
	Total Qty executed						4.33		
	BOQ Qty						3.99		
	Qty to be paid now						**3.99**	6724.78	**26848.02**

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Sl. No.	Description of work	Unit	No	Length	Breadth	Depth	Qty	Rate, in Rs	Amount in Rs.
				m	m	m			
25	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for R.C.C works laid in 15 cms thick layers and well compacted including vibrating, curing, etc for all super Structure works with all lead and Lift etc., complete (exclusive of cost of steel and fabrication charges) Ready mixed cement for concrete with M-25. complete as per specifications and directions of Engineer in charge.	cum							
A	**DASARAHALLI**								
	Second Floor								
	Roof slab		1	5.50	11.00	0.15	9.08		
	Deductions								
	staircase		-1	1.80	4.00	0.15	-1.08		
	Roof Beams								
	Short beam(0.200x0.450)	5	1	5.50	0.20	0.30	1.65		
	Long beam(0.200x0.450)	2	1	11.00	0.20	0.30	1.32		
		1	1	4.71	0.20	0.30	0.28		
	staircase room	1	1	2.80	0.20	0.30	0.17		
B	**R.K.Hegdenagar**								
	Ground Floor	cum							
	Roof Slab		1	9.43	13.74	0.15	19.44		
	Loft		1	3.00	0.60	0.10	0.18		
	Deduct Staircase		-1	3.00	4.50	0.15	-2.03		
	Roof Beam								
	RB1-B2-B3,B4-B5,B6-B7,B9-B10-B11		4	9.43	0.20	0.45	3.39		
	RB8		1	6.30	0.20	0.45	0.57		
	B12-B13-B14-B15,B16-B17-B18-B19,B20-B21-B22-B23		3	12.74	0.20	0.45	3.44		
	First Floor								
	Roof Slab		1	9.43	13.74	0.15	19.44		
	Loft		2	3.00	0.60	0.10	0.36		
	Deduct Staircase		-1	3.00	4.50	0.15	-2.03		
	Roof Beam								
	RB1-B2-B3,B4-B5,B6-B7,B9-B10-B11		4	9.43	0.20	0.45	3.39		
	RB8		1	6.30	0.20	0.45	0.57		
	B12-B13-B14-B15,B16-B17-B18-B19,B20-B21-B22-B23		3	12.74	0.20	0.45	3.44		
	Total Qty executed						61.58		
	BOQ Qty						55.70		
	Qty to be paid now						**55.70**	5996.13	**333993.90**

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Sl. No.	Description of work	Unit	No	Length	Breadth	Depth	Qty	Rate, in Rs	Amount in Rs.
				m	m	m			
26	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.5865cum and fine aggregtes @ 0.391cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 8.5 cms. average thickness, upto First Floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications and directions of Engineer in charge.(Ground Floor)	sqm							
A	**DASARAHALLI**								
B	**R.K.Hegdenagar**								
	Ground Floor								
	Windows		6	2.11	0.50		6.33		
	Ventilators		2	1.10	0.50		1.10		
	Total Qty executed						7.43		
	BOQ Qty						4.32		
	Qty to be paid now Upto 100%						**4.32**	541.04	**2337.28**
	Qty to be paid now Upto 125%						**1.08**	541.04	**584.32**
	Qty to be paid now Above 125%						**2.03**	541.04	**1098.31**
27	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.5865cum and fine aggregtes @ 0.391cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 8.5 cms. average thickness, upto First Floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications and directions of Engineer in charge.(First Floor)	sqm							
A	**DASARAHALLI**								
B	**R.K.Hegdenagar**								
	First Floor								
	Windows		6	2.11	0.50		6.33		
	Ventilators		2	1.10	0.50		1.10		
	Total Qty executed						7.43		
	BOQ Qty						5.40		
	Qty to be paid now Upto 100%						**5.40**	546.49	**2951.05**
	Qty to be paid now Upto 125%						**1.35**	546.49	**737.76**
	Qty to be paid now Above 125%						**0.68**	546.49	**371.61**

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Sl. No.	Description of work	Unit	No	Length m	Breadth m	Depth m	Qty	Rate, in Rs	Amount in Rs.
28	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications and directions of Engineer in charge.(Ground Floor)	MT							
A	**DASARAHALLI**								
B	**R.K.Hegdenagar**								
	Total Qty executed						0.00		
	BOQ Qty						10.51		
	Qty to be paid now						0.00	77409.71	0.00
29	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications and directions of Engineer in charge.(First Floor)	MT							
A	**DASARAHALLI**								
	Columns						0.73		
	Lintel						0.25		
	Beams						0.93		
	Slab						1.46		
	Staircase						0.21		
B	**R.K.Hegdenagar**								
	Total Qty executed						3.62		
	BOQ Qty						3.75		
	Qty to be paid now						3.62	78225.63	283345.78

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Sl. No.	Description of work	Unit	No	Length	Breadth	Depth	Qty	Rate, in Rs	Amount in Rs.
				m	m	m			
30	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications and directions of Engineer in charge.(Head Room)	MT							
A	**DASARAHALLI**								
B	**R.K.Hegdenagar**								
	Total Qty executed						0.00		
	BOQ Qty						0.89		
	Qty to be paid now						**0.00**	79857.47	**0.00**
31	Providing and constructing load bearing wall with solid concrete blocks of size 400X200X200mm having block density not less than 1800kg/m3 having a minimum average compressive strength 5.00N/mm2 confirming to IS 2185 (part 1) :2005 and constructed with cement mortar 1:4,as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machinaries etc., complete as per specifications and directions of Engineer in charge.(Ground Floor).	Sqm							
A	**DASARAHALLI**								
	Ground Floor								
	Staircase Portion		1	3.20		3.00	9.60		
B	**R.K.Hegdenagar**								
	Ground Floor								
	Short Wall	1	3	9.28		2.70	75.17		
	Long Wall	1	2	12.74		2.70	68.80		
	below staircase wall	1	1	3.05		1.65	5.03		
	For steps		1	3.00		0.40	1.20		
			1	3.00		0.20	0.60		
	For steps		1	1.20		0.40	0.48		
			1	1.20		0.20	0.24		
	Compound Wall								
	LHS	1	1	15.24		1.20	18.29		
	RHS	1	1	15.24		1.20	18.29		
	Back	1	1	11.30		1.20	13.56		
	Deduct Openings								
	MD	1	-1	1.82		2.75	-5.01		
	D1	1	-1	0.90		2.23	-2.01		
	W	1	-6	1.81		1.36	-14.77		
	D1	1	-1	0.90		2.10	-1.89		
	D2	1	-1	1.15		2.10	-2.42		
	V	1	-2	0.80		0.60	-0.96		
	Deduction								
	Ground Floor-Lintel	1	-1	69.08		0.20	-13.82		

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Sl. No.	Description of work	Unit	No	Length m	Breadth m	Depth m	Qty	Rate, in Rs	Amount in Rs.
	Total Qty executed						170.39		
	BOQ Qty						115.52		
	Qty to be paid now Upto 100%						115.52	994.81	114920.40
	Qty to be paid now Upto 125%						28.88	994.81	28730.10
	Qty to be paid now Above 125%						25.99	994.81	25855.01
32	Providing and constructing load bearing wall with solid concrete blocks of size 400X200X200mm having block density not less than 1800kg/m3 having a minimum average compressive strength 5.00N/mm2 confirming to IS 2185 (part 1) :2005 and constructed with cement mortar 1:4,as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machinaries etc., complete as per specifications and directions of Engineer in charge (First Floor)	Sqm							
A	**DASARAHALLI**								
B	**R.K.Hegdenagar**								
	First Floor								
	Lintels-Short Beam	1	1	9.28		2.70	25.06		
	Long Beam	1	2	12.74		2.70	68.80		
		1	1	10.78		0.90	9.70		
	Deduct Openings								
	D	1	-2	0.90		2.23	-4.01		
	W	1	-4	1.81		1.36	-9.85		
	V	1	-2	1.20		0.60	-1.44		
	Deduction								
	First Floor-Lintel	1	-1	52.70		0.20	-10.54		
	Total Qty executed						77.71		
	BOQ Qty						82.31		
	Qty to be paid now						**77.71**	1032.99	**80277.19**
33	Providing and constructing load bearing wall with solid concrete blocks of size 400X200X200mm having block density not less than 1800kg/m3 having a minimum average compressive strength 5.00N/mm2 confirming to IS 2185 (part 1) :2005 and constructed with cement mortar 1:4,as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machinaries etc., complete as per specifications and directions of Engineer in charge (Head Room)	Sqm							
A	**DASARAHALLI**								
B	**R.K.Hegdenagar**								
	For Head Room	1	2	3.02		2.40	14.50		
		1	2	4.42		2.40	21.22		
	Parapet wall	1	2	9.00		1.20	21.60		
		1	1	12.80		1.20	15.36		
		1	1	7.65		1.20	9.18		
	For stage								

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Sl. No.	Description of work	Unit	No	Length	Breadth	Depth	Qty	Rate, in Rs	Amount in Rs.
				m	m	m			
	Deduct Openings								
	D3	1	-1	1.53		2.10	-3.21		
	W	1	-1	0.93		1.27	-1.18		
	Total Qty executed						77.46		
	BOQ Qty						142.09		
	Qty to be paid now						**77.46**	1071.17	**82970.24**
34	Providing and constructing non-load bearing wall with solid concrete blocks of size 400X100X200 having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 conforming to I.S : 2185 (Part 1) : 2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire chargesof machineries etc., complete as per specifications and directions of Engineer in charge.(Ground Floor)	Sqm							
A	**DASARAHALLI**								
B	**R.K.Hegdenagar**								
	Ground Floor Toilet walls								
	Short Wall								
		1	2	2.94		2.70	15.88		
	Long Wall								
		1	2	3.34		2.70	18.04		
		1	1	3.20		2.70	8.64		
	below staircase wall	1	1	3.05		1.65	5.03		
	Drain	2	1	10.00		0.20	4.00		
	Deduct Openings								
	D4	1	-4	0.75		2.05	-6.15		
	Total Qty executed						45.43		
	BOQ Qty						38.90		
	Qty to be paid now						**38.90**	884.64	**34408.03**
	Qty to be paid now Upto 125%						**6.54**	884.64	**5785.10**
35	Providing and constructing non-load bearing wall with solid concrete blocks of size 400X100X200 having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 conforming to I.S : 2185 (Part 1) : 2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, cunng, hire chargesof machineries etc., complete as per specifications and directions of Engineer in charge.(First Floor)	Sqm							
A	**DASARAHALLI**								
B	**R.K.Hegdenagar**								
	First Floor								
	Partition Wall								
	Lintels-Short Beam								
		1	2	2.90		2.70	15.66		

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Sl. No.	Description of work	Unit	No	Length	Breadth	Depth	Qty	Rate, in Rs	Amount in Rs.
				m	m	m			
		1	2	1.20		2.70	6.48		
	Long Beam								
		1	1	6.44		2.70	17.39		
		1	1	3.30		2.70	8.91		
	For stage	1	1	4.70		0.45	2.12		
	Deduct Openings								
	D4	1	-2	0.75		2.05	-3.08		
	D	1	-2	1.20		0.60	-1.44		
	Total Qty executed						46.04		
	BOQ Qty						50.72		
	Qty to be paid now						**46.04**	922.82	**42484.64**
36	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of Engineer in charge.(Ground Floor)	Sqm							
A	**DASARAHALLI**								
B	**R.K.Hegdenagar**								
	Solid block wall	1	2	9.40		3.45	64.86		
		1	2	12.60		3.45	88.32		
	For steps		1	3.00		0.40	1.20		
			1	3.00		0.20	0.60		
			2	0.60		0.40	0.48		
	For steps		1	1.20		0.40	0.48		
			1	1.20		0.20	0.24		
			2	0.60		0.40	0.48		
	Compound Wall								
	LHS	2	1	15.24		1.20	36.58		
	RHS	2	1	15.24		1.20	36.58		
	Back	1	1	11.30		1.20	13.56		
	Deduct Openings								
	MD	0.5	-1	1.82		2.75	-2.50		
	D1	0.5	-1	0.90		2.23	-1.00		
	W	0.5	-6	1.81		1.36	-7.38		
	Total Qty executed						232.48		
	BOQ Qty						252.39		
	Qty to be paid now						**232.48**	284.70	**66187.12**
37	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of Engineer in charge.(First Floor)	Sqm							
A	**DASARAHALLI**								
B	**R.K.Hegdenagar**								
	First Floor								
		1	1	9.40		3.45	32.43		
		1	2	10.50		0.90	18.90		
		1	2	12.80		3.45	88.32		

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